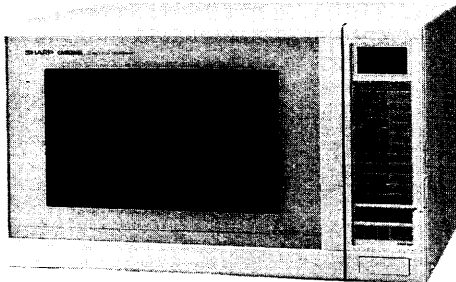


SHARP SERVICE MANUAL

S1101R9A52J//



CONVECTION MICROWAVE OVEN

MODELS **R-9A52**
R-9H52

In interests of user-safety the oven should be restored to its original condition and only manufacturer original spare parts must be used.

This is a supplemental Service Manual for Model R-9A52 etc.
Those models are quite similar to Base Model R-9H10 (Refer No. is S9808R9H10J//).
Use this supplemental manual together with the Base Model Service Manual.
Refer to the Base Model Service Manual for complete operation, service information, etc.

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SHARP CORPORATION



R-9A52
R-9H52

SERVICE MANUAL

SHARP

COUNTER TOP

CONVECTION MICROWAVE OVEN

R-9A52/ R-9H52

GENERAL IMPORTANT INFORMATION

This Manual has been prepared to provide Sharp Corp. Service engineers with Operation and Service Information.

It is recommended that service engineers carefully study the entire text of this manual and Base Model manual, so they will be qualified to render satisfactory customer service.

CAUTION MICROWAVE RADIATION

Service engineers should not be exposed to the microwave energy which may radiate from the magnetron or other microwave generating devices if it is improperly used or connected. All input and output microwave connections, waveguides, flanges and gaskets must be secured. Never operate the device without a microwave energy absorbing load attached. Never look into an open waveguide or antenna while the device is energized.

WARNING

Never operate the oven until the following points are ensured.

- (A) The door is tightly closed.
- (B) The door brackets and hinges are not defective.
- (C) The door packing is not damaged.
- (D) The door is not deformed or warped.
- (E) There is not any other visible damage with the oven.

Servicing and repair work must be carried out only by trained service engineers.

All the parts marked "*" on parts list are used at voltages more than 250V.

SHARP CORPORATION

OSAKA, JAPAN

PRODUCT DESCRIPTION

OPERATING INSTRUCTIONS

WIRING DIAGRAM

COMPONENT REPLACEMENT AND ADJUSTMENT PROCEDURE

WIRING

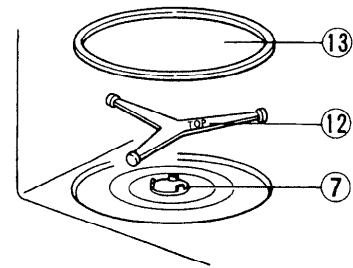
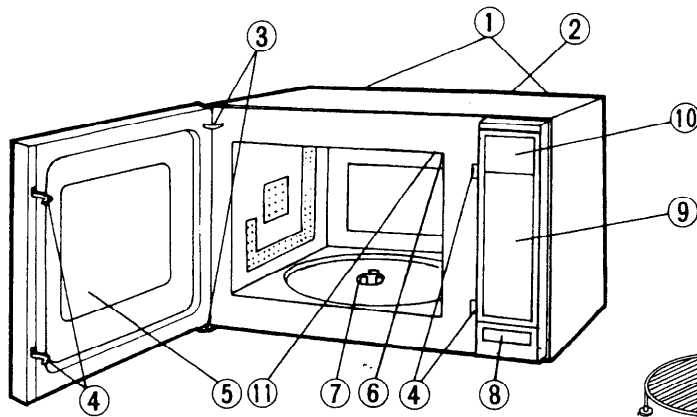
PARTS LIST

PRODUCT DESCRIPTION

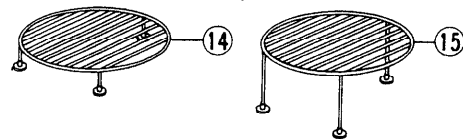
SPECIFICATIONS

ITEM	DESCRIPTION
Power Requirements	240 Volts 50 Hertz Single phase, 3 wire earthed
Power Consumption	1500W (Microwave) 1600W (Convection)
Power Output	750 watts nominal of RF microwave energy (2 litre water load) Operating frequency of 2450MHz
Convection Heating element Power Output	1500W
Case Dimensions	Width 627mm Height 378mm Depth 481mm
Cooking Cavity Dimensions	Width 410mm Height 245mm Depth 410mm
Control Complement	<p>Touch Control System Clock(1:00 - 12:59) Timer (0 - 99 min. 99sec.) Microwave Power for Variable Cooking Repetition Rate; HIGH Full power throughout the cooking time MED HIGH approx. 70% of Full Power MED approx. 50% of Full Power MED LOW (DEFROST) approx. 30% of Full Power LOW approx. 10% of Full Power</p> <p>Convection Temperature for Variable Cooking CONVECTION 40 to 250°C Temp. control LOW MIX, BAKE 180°C with 10% microwave power HIGH MIX, ROAST 200°C with 30% microwave power SLOW COOK 130°C for 4 hours (no preheat) GRILL 250°C (preheat)</p> <p>Variable cooking control pads, SENSOR COOK pad (R-9H52 only), AUTO START/CLOCK pad, EASY DEFROST pad, ONE TOUCH REHEAT pad (R-9H52 only), COMPU COOK pad (R-9H52 only), STOP/CLEAR pad, MEMORY pad, INSTANT COOK/START pad, AUTO COOK pad (R-9A52 only), EASY REHEAT pad (R-9A52 only)</p>
Set Weight	Approx. 30.0 kg

OPERATING INSTRUCTIONS



*Place the roller stay on the coupling in the oven and seat the turntable on the roller stay.



- | | | |
|---|-----------------------------|---------------------|
| 1. Ventilation openings | 6. Oven lamps | 11. Waveguide cover |
| 2. Access cover for oven lamp replacement | 7. Coupling | 12. Roller Stay |
| 3. Hinges | 8. Door open button | 13. Turntable |
| 4. Safety door latches | 9. Touch Control Panel | 14. Low rack |
| 5. See through door | 10. Lighted digital display | 15. High rack |

Touch Control Panel (R-9H52)

SENSOR COOK PAD Touch to select sensor cook mode	SENSOR COOK	ONE TOUCH REHEAT Touch to start automatic re-heat cycle
SENSOR COOK MENUS	1 Fresh vegetables 2 Frozen vegetables 3 Jacket potatoes 4 Rice & Pasta 5 Stewed fruit 6 Preserves 7 Corned meat 8 Soup 9 Fish fillets 0 Frozen dinners	1 40°C
COMPU COOK PAD Touch to select Compu Cook mode	COMPU COOK	2 70°C
COMPU COOK MENUS	1 Roast beef 2 Roast lamb 3 Roast pork 4 Roast chicken 5 Roast turkey 6 Roast dinner 7 Mixed vegetables 8 Mixed grill 9 Cake layers 0 Biscuits	3 130°C
EASY DEFROST PAD Touch to defrost meat by entering weight only	EASY DEFROST	4 150°C
CONVECTION COOKING FUNCTION PADS Touch to cook for each function.	MEMORY	5 160°C
AUTO START/CLOCK PAD Touch to set clock or auto start time.	HIGH MIX ROAST	6 180°C
STOP/CLEAR PAD Touch to erase during programming. Touch once to stop operation of oven during cooking; touch twice to cancel cooking programme.	LOW MIX BAKE	7 200°C
	CONVECTION	8 220°C
	GRILL	9 230°C
	LOW MED MED MED HIGH	0 250°C
	STOP CLEAR	SLOW COOK
	AUTO START CLOCK	
	INSTANT COOK START	

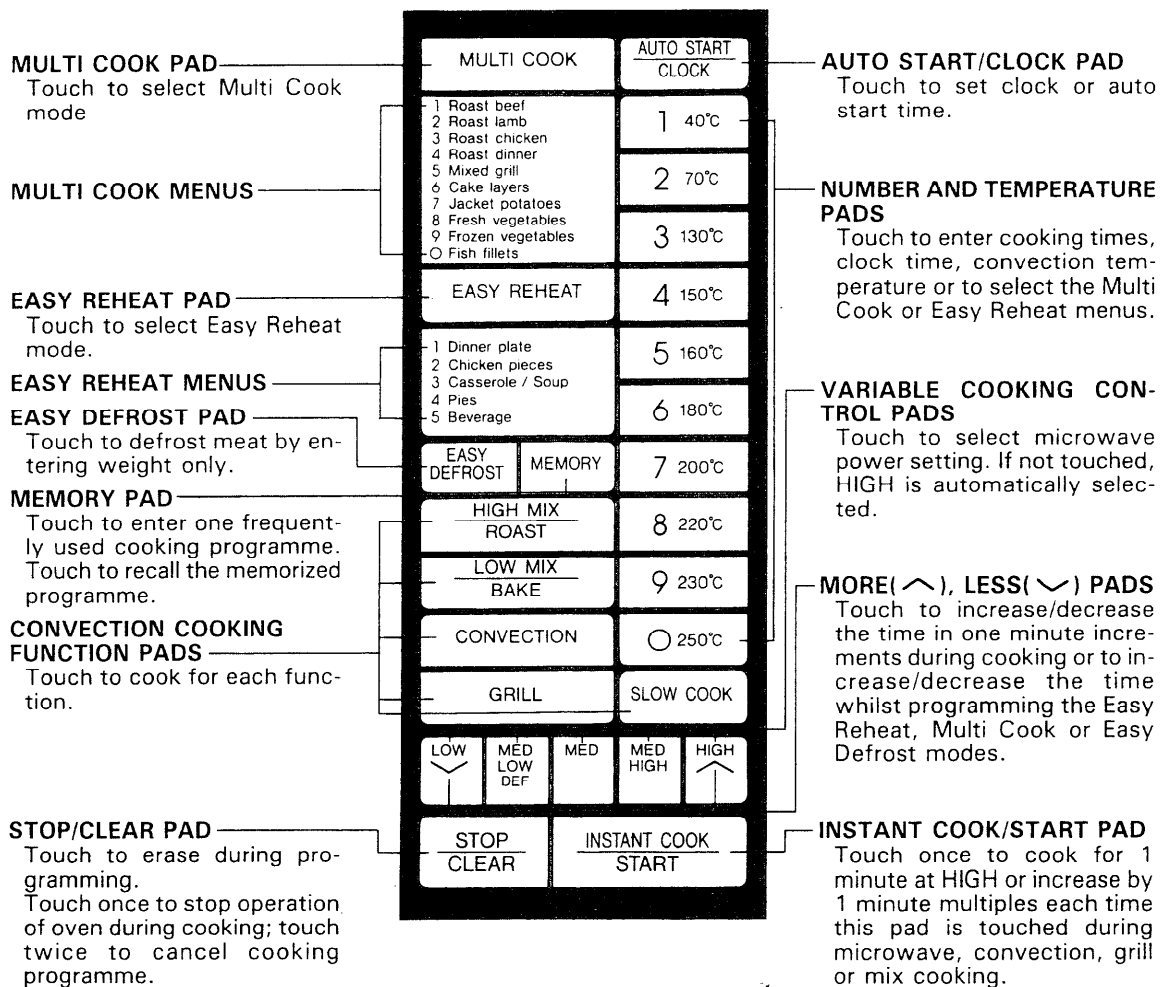
MEMORY PAD
Touch to enter one frequently used cooking programme. Touch to recall the memorized programme.

VARIABLE COOKING CONTROL PADS
Touch to select microwave power setting. If not touched, HIGH is automatically selected.

MORE (^), LESS (v) PADS.
Touch to increase/decrease the time in one minute increments during cooking or to increase/decrease the time whilst programming the One Touch Reheat, Sensor Cook, Compu Cook or Easy Defrost modes.

INSTANT COOK/START PAD
Touch once to cook for 1 minute at HIGH or increase by 1 minute multiples each time this pad is touched during microwave, convection, grill or mix cooking.

Touch Control Panel (R-9A52)



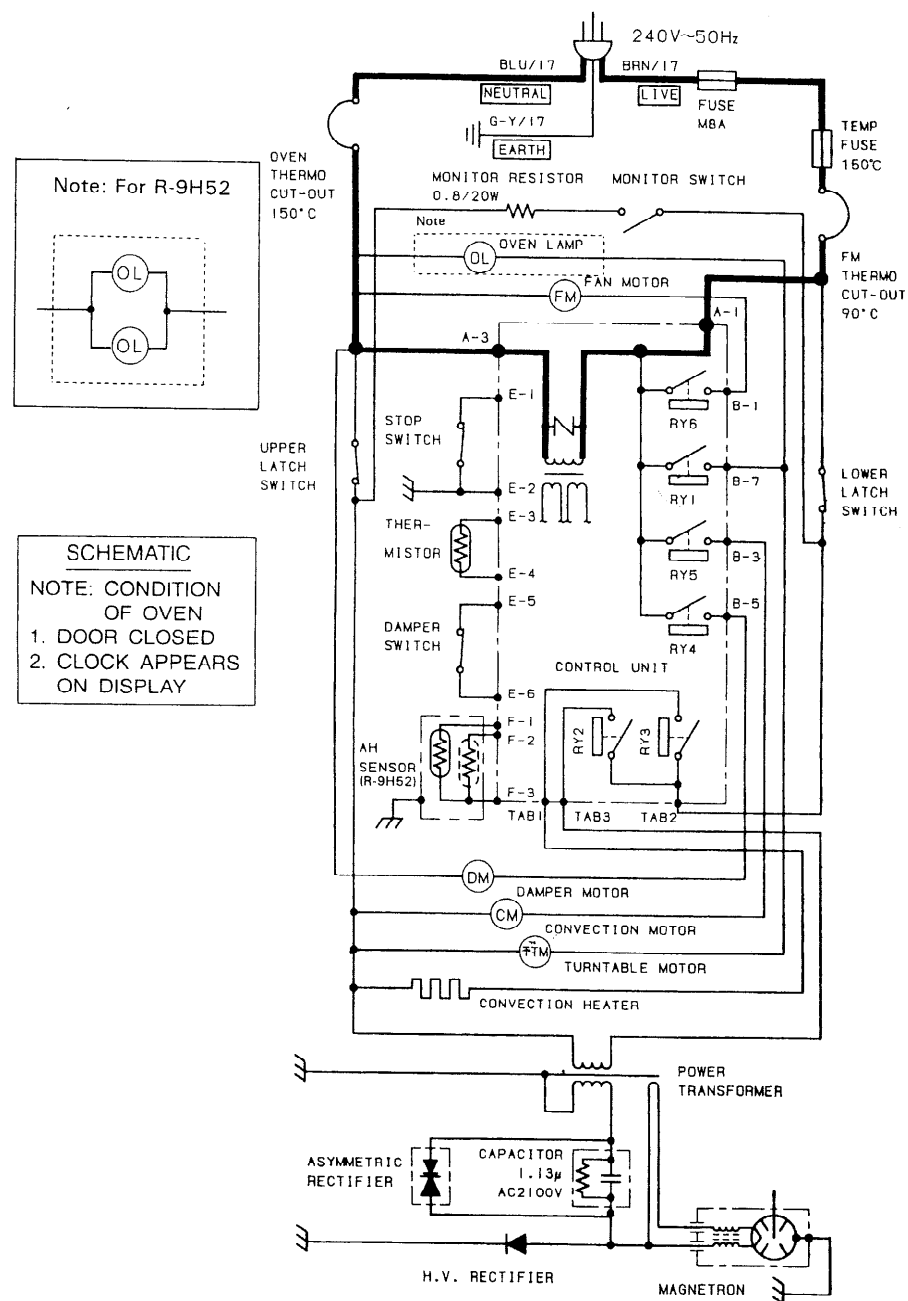


Figure 0-1. Oven Schematic-OFF Condition

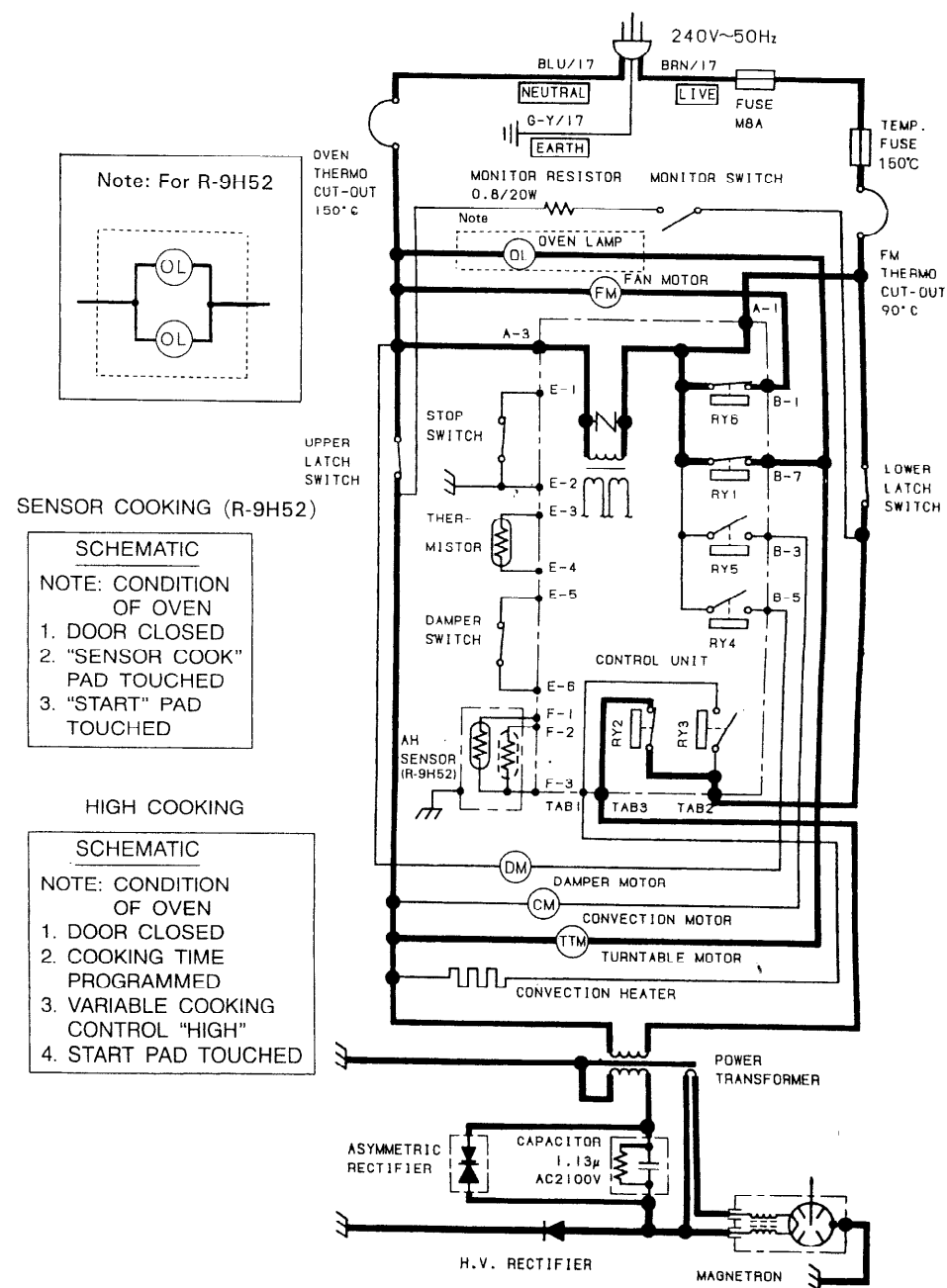


Figure 0-2. Oven Schematic-High and Sensor Cooking Condition

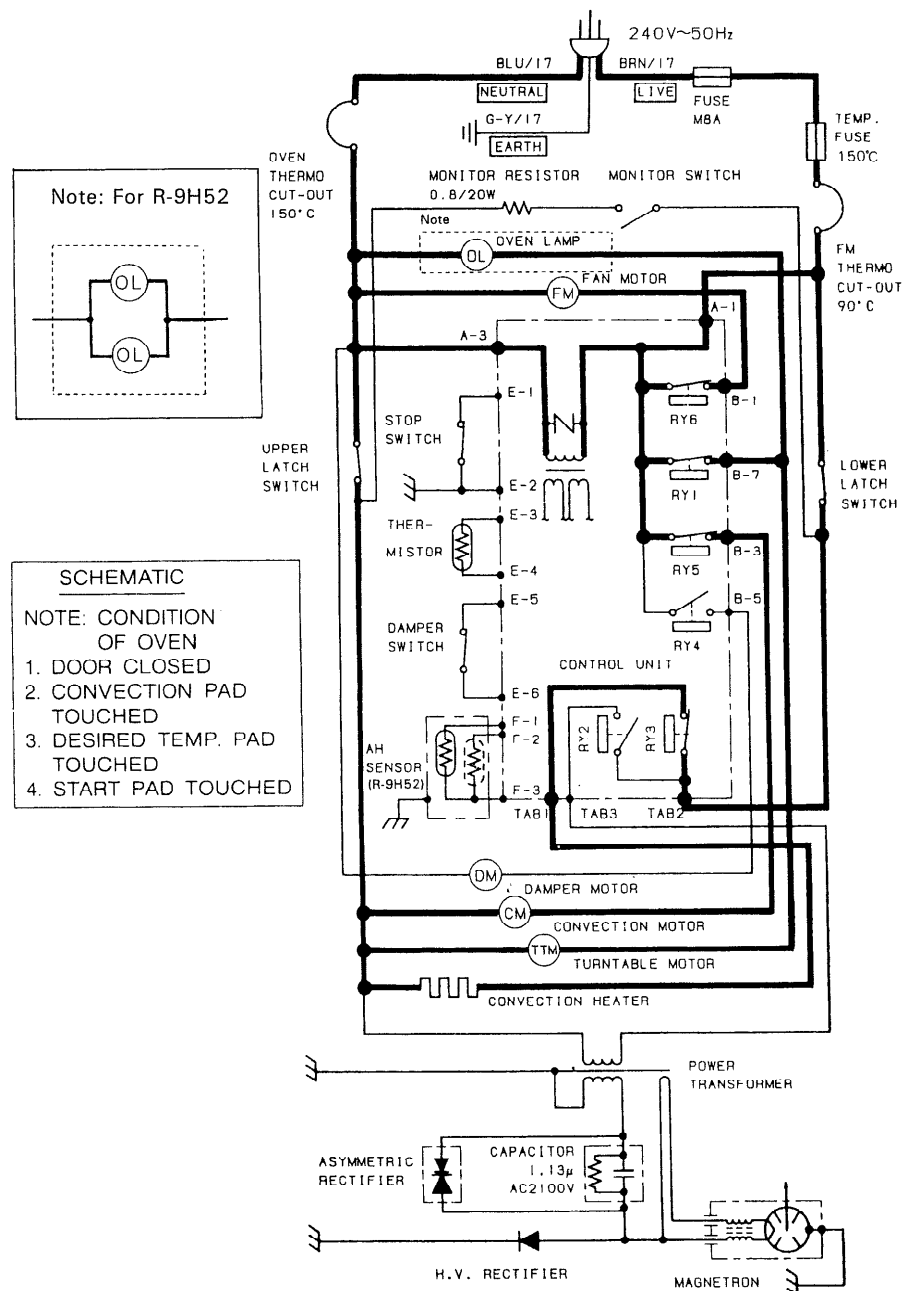


Figure O-3. Oven Schematic-Convection Cooking Condition

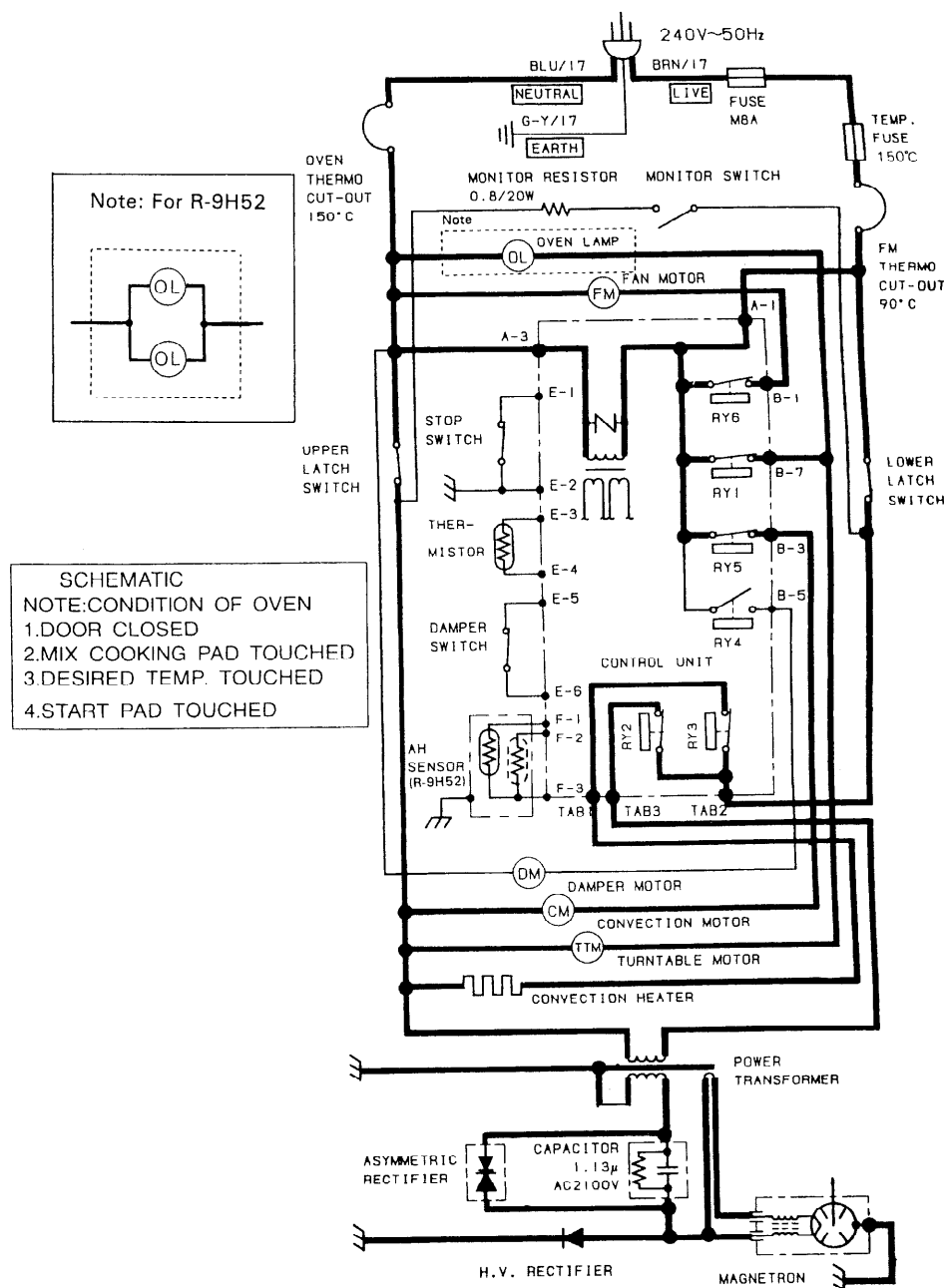


Figure O-4 Oven Schematic-Automatic Mix Cooking Condition

COMPONENT REPLACEMENT AND ADJUSTMENT PROCEDURE

WARNING: To avoid possible exposure to microwave energy;

- A. Before operating the oven
 1. Make sure that, when unlatching the door slowly, an accompanying "click" indicating the actuation of the monitor switch and latch switches is heard.
 2. Check visually the door seal for arcing and damage.
- B. Do not operate the oven before any of the following conditions are repaired;
 1. Door does not close firmly against the front of appliance.
 2. There are a broken door hinge or support.

3. The door is bent or warped.
4. There is any defective parts in the interlock, oven door or microwave generating and transmission assembly.
5. There is any other visible damage to the oven.
- C. Do not operate the oven
 1. Without the RF gasket.
 2. If the door is not closed.

CAUTION: DISCONNECT OVEN FROM POWER SUPPLY BEFORE REMOVING OUTER CASE. DISCHARGE HIGH VOLTAGE CAPACITOR BEFORE TOUCHING ANY OVEN COMPONENTS OR WIRING.

OUTER CASE CABINET REMOVAL

To remove the outer case and proceed as follows;

1. Disconnect oven from power supply.
2. Remove eight (8) screws from the rear and along the side edge of the case.
3. Remove the two (2) screws (LHSTIX LR-4) from the lower portion of the oven cabinet back side.
4. Slide the entire case back about 3 cm to free it from retaining clip on the cavity face plate.
5. Lift the entire case from the unit.

CAUTION: DISCHARGE THE HIGH VOLTAGE CAPACITOR BEFORE TOUCHING ANY OVEN COMPONENTS OR WIRING.

Note: The outer case cabinet is secured by special (LH) screw. When securing or loosening the screw, LHSTIX (LR-4) type screw driver should be used.

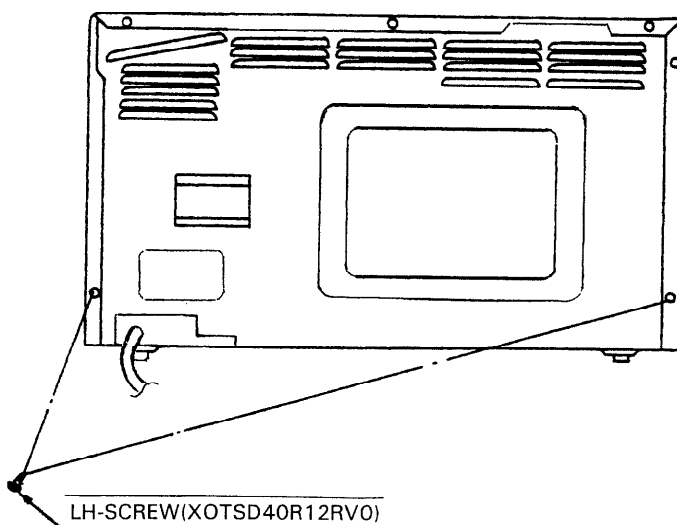


LHSTIX SCREW DRIVER
(SIZE LR-4)



LHSTIX SCREW

LHSTIX screw driver and LHSTIX screw

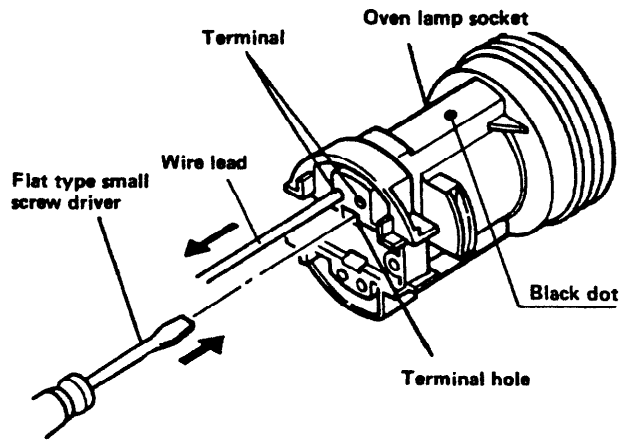


Removal of LHSTIX screw at oven back side

OVEN LAMP SOCKET REMOVAL

1. Pull the wire leads from the oven lamp socket by pushing the terminal hole of the oven lamp socket with the flat type small screw driver.
2. Lift up the tab of the oven lamp mounting plate holding the oven lamp socket.
3. Slide the oven lamp socket left-ward.
4. Now, the oven lamp socket is free.

CAUTION: When replacing the oven lamp socket, replace it so that the side where the black dot is put faces left-ward.



Oven lamp socket

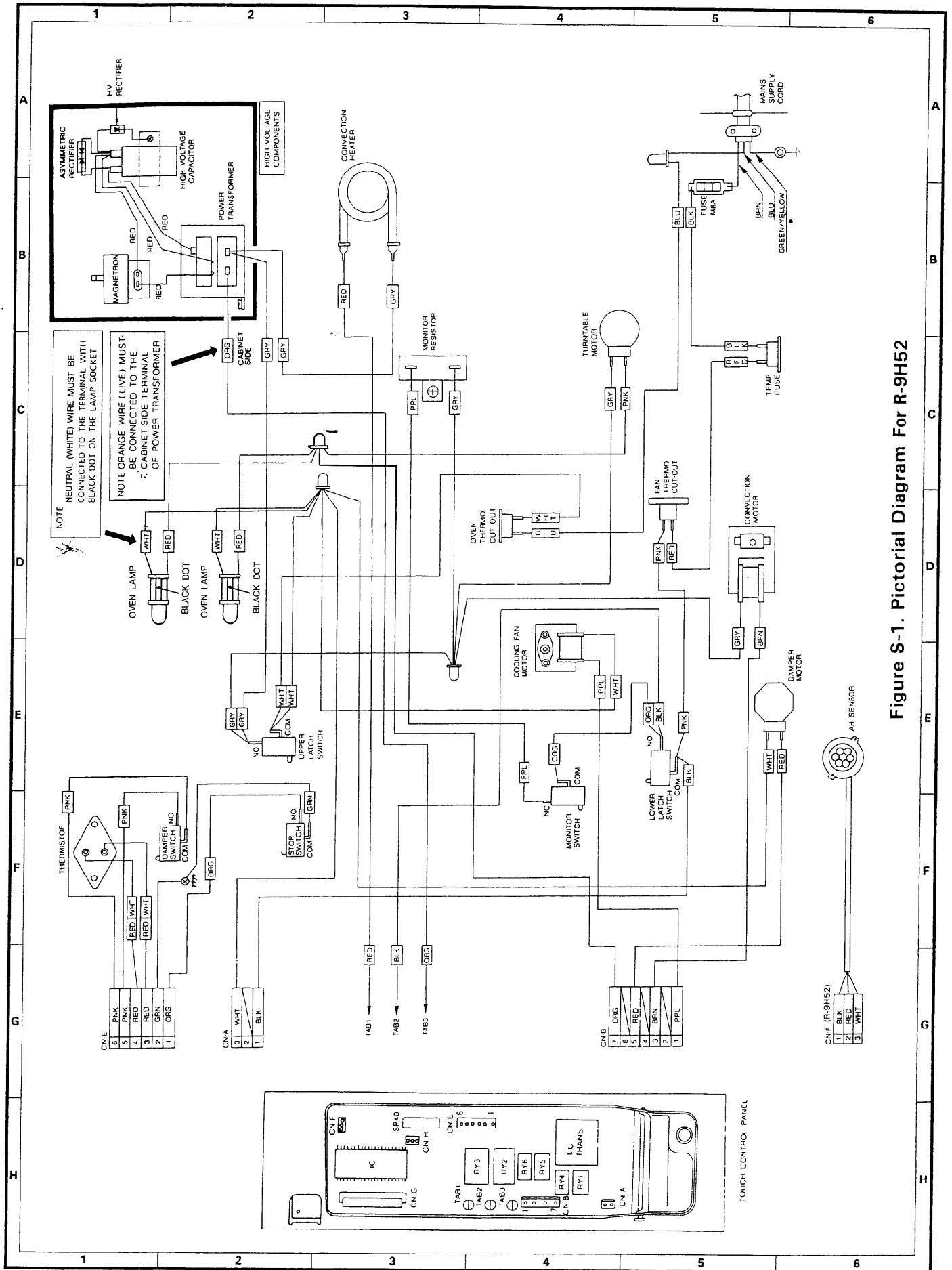


Figure S-1. Pictorial Diagram For R-9H52

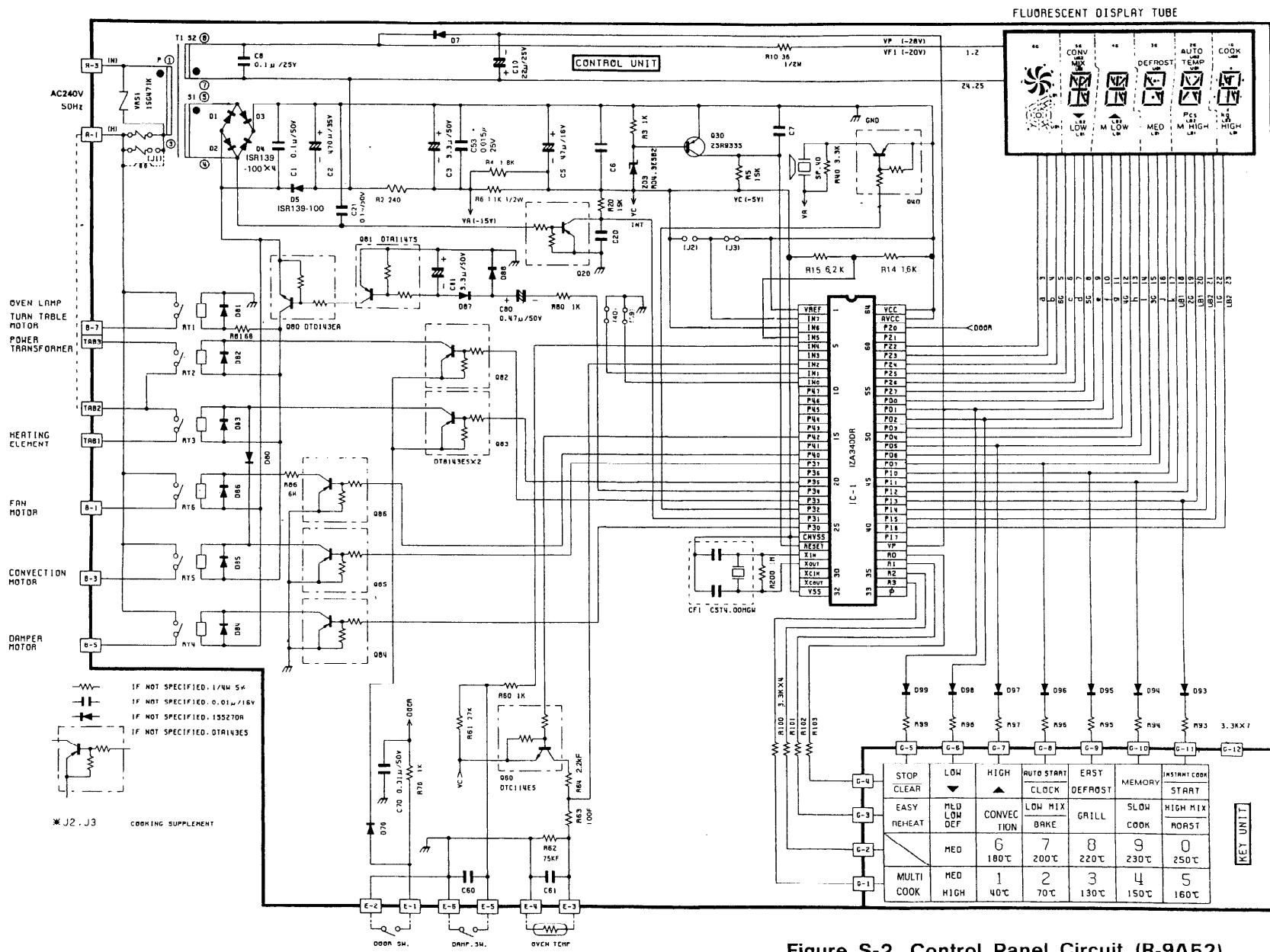


Figure S-2. Control Panel Circuit (R-9A52)

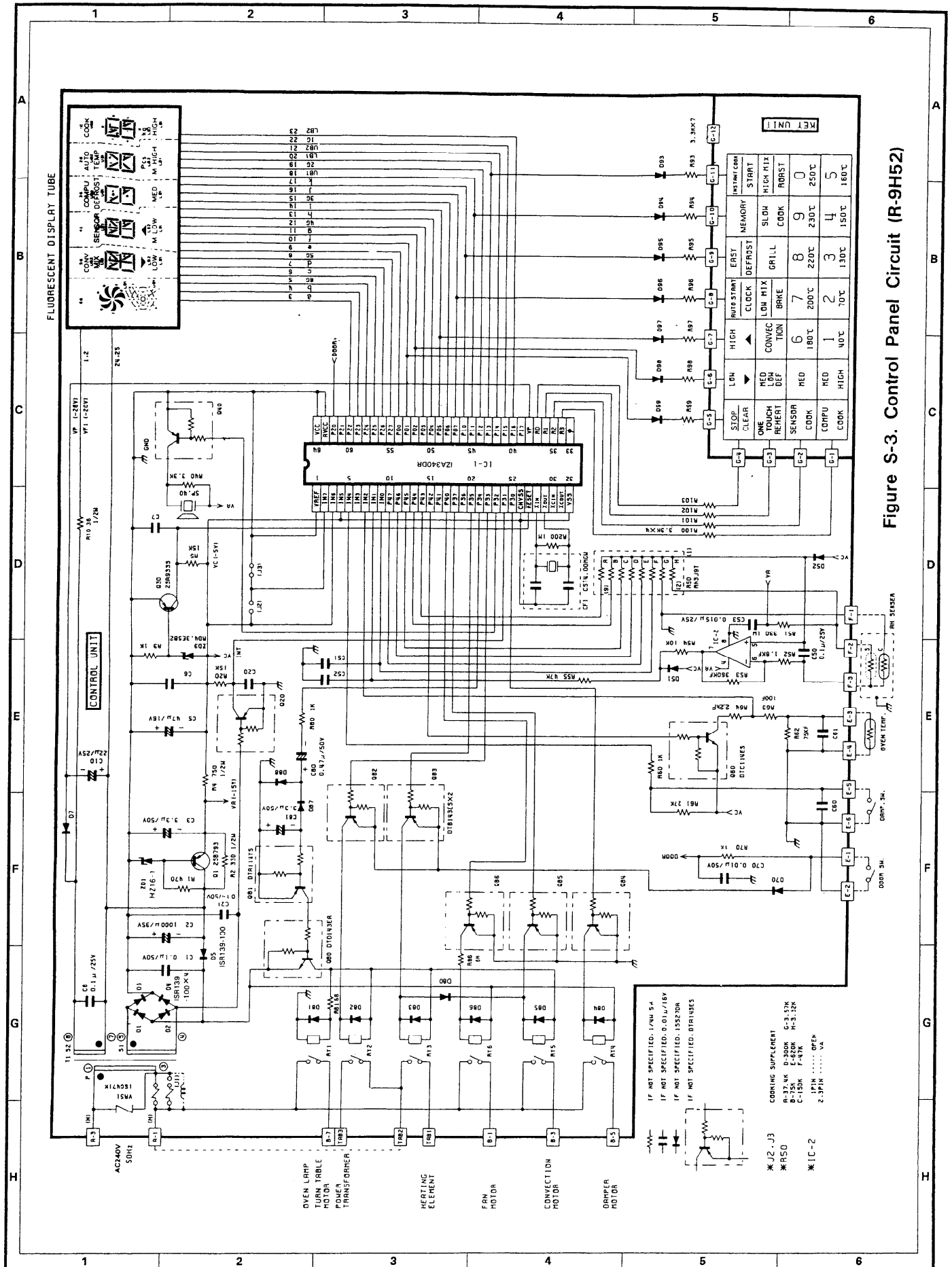


Figure S-3. Control Panel Circuit (R-9H52)

PARTS LIST

Note : The voltage supplied to the parts "*" are greater than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
----------	----------	-------------	------	------

ELECTRICAL PARTS

* 1- 1	FH-DZA005WRE0	High voltage rectifier ass'y	1	AQ
1- 2	FH-HZA010WRE0	Thermistor ass'y	1	AL
1- 3	QACCAA020WRE0	Power supply cord	1	AQ
1- 4	QFS-CA010WRE0	Fuse (M8A)	1	AE
1- 5	QFS-TA013WRE0	Temp. fuse 150°C	1	AG
1- 6	QFSHDA002WRE0	Fuse holder	1	AE
1- 7	QSOCLA011WRE0	Oven lamp socket : R-9H52	2	AH
	QSOCLA011WRE0	Oven lamp socket : R-9A52	1	AH
1- 8	QSW-MA009WRE0	Monitor switch (V-5220D-070)	1	AF
1- 9	QSW-MA037WRE0	Stop switch (V-11-3C25(RB))	2	AE
1-10	QSW-MA051WRE0	Upper & lower latch switches(V-5230D-600)	2	AF
* 1-11	RC-QZA097WRE0	High voltage capacitor	1	AW
1-12	RHET-A048WRE0	Convection heater	1	AW
1-13	RLMPTA029WRE0	Oven lamp : R-9H52	2	AK
	RLMPTA029WRE0	Oven lamp : R-9A52	1	AK
1-14	RMOTDA043WRE0	Damper motor	1	AQ
1-15	RMOTDA097WRE0	Turntable motor	1	AV
1-16	RMOTEA017WRE0	Cooling fan motor	1	AW
1-17	RMOTEA124WRE0	Convection motor	1	AV
1-18	RR-WZA003WRE0	Monitor resistor 0.8Ω 20W	1	AG
1-19	RTHM-A024WRE0	Oven thermo cut-out	1	AG
1-20	RTHM-A035WRE0	Fan thermo cut-out	1	AG
* 1-21	RTRN-A318WRE0	Power transformer	1	BP
* 1-22	RV-MZA074WRE0	Magnetron	1	BG
1-23	FDTCTA095WRK0	AH sensor assembly : R-9H52 only	1	AY

CABINET PARTS

2- 1	FDAI-A095WRY0	Base plate assembly	1	AW
2- 2	FHNG-A092WRM0	Oven hinge (lower)	1	AF
2- 3	GCABDA037WRW0	Rear cabinet	1	AT
2- 4	GCABUA277WRP0	Outer case cabinet	1	BA
2- 5	GCOVHA156WRP0	Turntable motor cover	1	AB
2- 6	GFTARA001WRW0	Oven lamp access cover	1	AC
2- 7	GLEGPA013WRE0	Foot	4	AB
2- 8	LANGK0243WRP0	Capacitor holder	1	AC
2- 9	LBSC0032WRE0	Cord bushing	1	AB
2-10	LSTPP0008YBF0	Cord anchorage (upper)	1	AC
2-11	LSTPP0009YBF0	Cord anchorage (lower)	1	AC
2-12	MLEVPA122WRF0	Latch lever	1	AD
2-13	PCUSGA023WRP0	Cabinet cushion	1	AA
2-14	PHOK-A043WRF0	Latch hook	1	AM

CONTROL PANEL PARTS

3- 1	CPWBFA391WRK0	(Not Replaceable Item) : R-9A52	1	BS
	CPWBFA392WRK0	(Not Replaceable Item) : R-9H52	1	BS
3- 1A	QCNCMA244DRE0	2-pin connector (A)	1	AB
3- 1B	QCNCMA230DRE0	4-pin connector (B)	1	AC
3- 1C	QCNCMA267DRE0	6-pin connector (E)	1	AC
3- 1D	QCNCMA090DRE0	3-pin connector (F) : R-9H52 only	1	AB
3- 1E	QCNCWA030DRE0	12-pin connector (G)	1	AE
3- 1F	QLUGPA004DRE0	Tab terminal (TAB1,TAB2,TAB3)	3	AA
3- 1G	RV-KXA012DRE0	Fluorescent display tube	1	AX
C1,21	RC-KZA032DRE0	Capacitor 0.1μF 50V	2	AB
C2	VCEAB31VW477M	Capacitor 470μF 35V : R-9A52	1	AC
C2	RC-EZA192DRE0	Capacitor 1000μF 35V : R-9H52	1	AD
C3,81	VCEAB31HW335M	Capacitor 3.3μF 50V	2	AA
C5	VCEAB31CW476M	Capacitor 47μF 16V	1	AA
C6,7,20,	VCKYD11CY103N	Capacitor 0.01μF 16V : R-9A52	5	AA
C60,61				

Note : The voltage supplied to the parts "*" are greater than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
C6,7,20, C51,52 C60,61	VCKYD11CY103N	Capacitor 0.01μF 16V : R-9H52	7	AA
C8	RC-KZA031DRE0	Capacitor 0.1μF 25V : R-9A52	1	AA
C8,50	RC-KZA031DRE0	Capacitor 0.1μF 25V : R-9H52	2	AA
C10	VCEAB31EW226M	Capacitor 22μF 25V	1	AA
C53	VCKYB11EX153N	Capacitor 0.015μF 25V	1	AA
C70	VCKYF31HF103Z	Capacitor 0.01μF 50V	1	AA
C80	VCEAB31HW474M	Capacitor 0.47μF 50V	1	AA
CF1	RCRS-A010DRE0	Ceramic filter (4.00MHz)	1	AD
D1-5	VHD1SR139-11B	Diode (1SR139-100)	5	AA
D7,70, D80-88, D93-99	VHD1SS270A/-1	Diode (1SS270A) : R-9A52	18	AA
D7,51,	VHD1SS270A/-1	Diode (1SS270A) : R-9H52	20	AA
D52,70, D80-88, D93-99				
IC1	RH-1ZA340DRE0	LSi	1	AV
IC2	VHIBA4558// -4	IC BA4558 : R-9H52 only	1	AD
Q1	VS2SB793///-4	Transistor 2SB793 : R-9H52 only	1	AC
Q20,40 Q84-86	VSDTA143ES/1B	Transistor DTA143ES	5	AB
Q30	RH-TZA063DRE0	Transistor 2SA933S	1	AB
Q60	VSDTC114ES/-3	Transistor DTC114ES	1	AB
Q80	VSDTD143EA/-4	Transistor DTD143EA	1	AC
Q81	VSDTA114YS/-3	Transistor DTA114YS	1	AB
Q82,83	RH-TZA097DRE0	Transistor DTB143ES	2	AC
R1	VRD-B12EF471J	Resistor 470Ω 1/4W : R-9H52 only	1	AA
R2	VRD-B12EF241J	Resistor 240Ω 1/4W : R-9A52	1	AA
R2	VRD-B12HF331J	Resistor 330Ω 1/2W : R-9H52	1	AA
R3,60, R70,80,	VRD-B12EF102J	Resistor 1kΩ 1/4W	4	AA
R4	VRD-B12EF182J	Resistor 1.8kΩ 1/4W : R-9A52	1	AA
R4	VRD-B12HF751J	Resistor 750Ω 1/2W : R-9H52	1	AA
R5,20	VRD-B12EF153J	Resistor 15kΩ 1/4W	2	AA
R6	VRD-B12HF112J	Resistor 1.1kΩ 1/2W : R-9A52 only	1	AA
R10	VRD-B12HF360J	Resistor 36Ω 1/2W	1	AA
R14	VRD-B12EF163J	Resistor 16kΩ 1/4W : R-9A52 only	1	AA
R15	VRD-B12EF622J	Resistor 6.2kΩ 1/4W : R-9A52 only	1	AA
R40, R93-103	VRD-B12EF332J	Resistor 3.3kΩ 1/4W	12	AA
R50	RR-DZA069DRE0	Resistor block : R-9H52 only	1	AD
R51	VRS-B13AA331J	Resistor 330Ω 1W : R-9H52 only	1	AA
R52	VRN-B12EK182F	Resistor 1.8kΩ (F) 1/4W : R-9H52 only	1	AA
R53	VRN-B12EK364F	Resistor 360kΩ (F) 1/4W : R-9H52 only	1	AA
R54	VRD-B12EF103J	Resistor 10kΩ 1/4W : R-9H52 only	1	AA
R55	VRD-B12EF473J	Resistor 47kΩ 1/4W : R-9H52 only	1	AA
R61	VRD-B12EF273J	Resistor 27kΩ 1/4W	1	AA
R62	VRN-B12EK753F	Resistor 75kΩ (F) 1/4W	1	AA
R63	VRN-B12EK101F	Resistor 100Ω (F) 1/4W	1	AA
R64	VRN-B12EK222F	Resistor 2.2kΩ (F) 1/4W	1	AA
R81,86	VRD-B12EF680J	Resistor 68Ω 1/4W	2	AA
R200	VRD-B12EF105J	Resistor 1MΩ 1/4W	1	AA
RY1,4-6	RRLY-A020DRE0	Relay (OJSH112LM)	4	AA (AH)
RY2	RRLY-A061DRE0	Relay (OMI-SH112D,WHITE)	1	AK
RY3	RRLY-A013DRE0	Relay (OMI-SH112D,BLUE)	1	AM
SP40	RALM-A007DRE0	Buzzer (PKM22EPT)	1	AF
T1	RTRNPA023DRE0	Transformer	1	AR
VRS1	RH-VZA010DRE0	Varistor (15G471K)	1	AE
ZD1	VHEHZ161///-1	Zener diode (HZ16-1) : R-9H52 only	1	AA
ZD3	RH-EZA105DRE0	Zener diode (RD4.3ESB2)	1	AA
3- 2	FPNLCA840WRK0	Control panel frame with key unit : R-9A52	1	AZ
	FPNLCA841WRK0	Control panel frame with key unit : R-9H52	1	AZ
3- 3	JBTN-A606WRF0	Open button	1	AC
3- 4	MSPRDA009WRE0	Open button spring	1	AA
3- 5	LANGTA197WRW0	Control panel back plate	1	AK
3- 6	MLEVFA042WRW0	Open lever	1	AC
3- 7	NSFTTA030WRE0	Open shaft	1	AB

Note : The voltage supplied to the parts "*" are greater than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
3- 8	XEPSD30P12XS0	Screw;control unit mtg.	3	AB
3- 9	XCPSD40P12000	Screw;control panel back plate mtg.	4	AA

OVEN PARTS

4- 1	FBRGMA002WRE0	Bearing assembly	1	AQ
4- 2	FDUC-A124WRW0	Steam duct assembly : R-9H52	1	AN
	FDUC-A126WRW0	Steam duct assembly : R-9A52	1	AN
4- 3	FFANJ0034WRK0	Cooling fan assembly	1	AF
4- 4	FFTA-A022WRK0	Damper assembly	1	AE
4- 5	FOVN-A227WRT0	Oven cavity : R-9H52	1	BV
	FOVN-A144WRY0	Oven cavity : R-9A52	1	BQ
4- 6	FROLPA045WRK0	Roller stay	1	AP
4- 7	LANGFA089WRW0	Chassis support	1	AE
4- 8	LANGQA136WRW0	Convection motor mounting plate	1	AE
4- 9	FANGQA111WRY0	Lamp socket mounting angle : R-9H52	1	AK
	LANGQA213WRW0	Lamp socket mounting angle : R-9A52	1	AE
4-10	LANGQA163WRP0	Thermal cut-out mounting angle	1	AB
4-11	LANGTA196WRW0	Bearing mounting plate	1	AD
4-12	LBNDK0054WRE0	Heater element holder	2	AB
4-13	LFIX-A013WRW0	Bearing holder plate	1	AB
4-14	LHLDK0005YBF0	Cord holder	1	AB
4-15	MCAMPA030WRF0	Damper cam	1	AC
4-16	MHNG-A165WRM0	Oven hinge (upper)	1	AE
4-17	NBLTKA005WRE0	Convection fan belt	1	AF
4-18	NCPL-A021WRF0	Turntable coupling	1	AE
4-19	NFANMA019WRW0	Convection fan	1	AE
4-20	NPLYBA025WRF0	Pulley (M)	1	AC
4-21	NPLYBA025WRF0	Pulley (M)	1	AC
4-22	NSFTTA043WRE0	Damper shaft	1	AA
4-23	NTNT-A019WRH0	Turntable tray	1	AT
4-24	PCOVPA157WRE0	Waveguide cover	1	AD
4-25	PCOVPA167WRF0	AH sensor cover :R-9H52 only	1	AC
4-26	PCUSGA211WRP0	Transformer cushion D	1	AB
4-27	PCUSUA146WRP0	Magnetron duct cushion	1	AA
4-28	PCUSU0263WRP0	Cushion	3	AA
4-29	PCUSU0329WRP0	Cushion	1	AA
4-30	PCUSU0380WRP0	Steam cushion C	2	AA
4-31	PDUC-A267WRP0	Heater duct	1	AN
4-32	PDUC-A269WRW0	Damper duct	1	AK
4-33	PDUC-A270WRF0	Cooling fan duct	1	AL
4-34	PFPF-A138WRE0	Thermal protection sheet (left)	1	AK
4-35	PREFHA028WRP0	Thermal protection plate (left)	1	AM
4-36	PFPF-A139WRE0	Thermal protection sheet (right)	1	AF
4-37	PGLSPA181WRE0	Oven lamp screen	1	AG
4-38	PREFHA027WRP0	Thermal protection plate (right)	1	AL
4-39	PSKR-A151WRW0	Air guide (A)	1	AD
4-40	PSKR-A152WRP0	Air guide (B)	1	AB
4-41	PSKR-A153WRP0	Air guide (bottom)	1	AF
4-42	PSKR-A156WRP0	Air guide (C)	1	AB
4-43	PSKR-A161WRW0	Air guide (right)	1	AF
4-44	PSKR-A171WRP0	Magnetron air guide	1	AD
4-45	PCUSGA221WRP0	Cushion	1	AB
4-46	PFPF-A064WRE0	Thermal protection sheet	1	AE

DOOR PARTS

5	CDORFA490WRK0	Door assembly, complete : R-9H52	1	BP
	CDORFA491WRK0	Door assembly, complete : R-9A52	1	BP
5- 1	DDORFA262WRY0	Door panel	1	BH
5- 2	GCOVHA155WRF0	Choke cover	1	AP
5- 3	GWAKPA142WRF0	Door frame	1	AT
5- 4	HDECQA123WRF0	Door sash (right)	1	AF
5- 5	HDECQA124WRF0	Door sash (left)	1	AE
5- 6	LSTPPA045WRF0	Upper latch head	1	AB
5- 7	LSTPPA046WRF0	Lower latch head	1	AB
5- 8	MSPRTA007WRE0	Latch spring	1	AB
5- 9	NSFTTA044WRE0	Latch shaft	1	AC

Note : The voltage supplied to the parts "*" are greater than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
5-10	PGLSPA308WRE0	Door glass : R-9H52	1	BA
	PGLSPA309WRE0	Door glass : R-9A52	1	BA

MISCELLANEOUS

6- 1	FAMI-A059WRM0	High rack	1	AP
6- 2	FAMI-A058WRM0	Low rack	1	AP
6- 3	TCADCA348WRR0	Cook book	1	AY
6- 4	TINSEA538WRR0	Operation manual : R-9H52	1	AG
	TINSEA539WRR0	Operation manual : R-9A52	1	AG
6- 5	LBNDK0012YBE0	Wire holder (WH-1 84mm)	1	AA
6- 6	FW-VZB023WRE0	Main wire harness : R-9H52	1	AZ
	FW-VZA810WRE0	Main wire harness : R-9A52	1	AX
* 6- 7	QW-QZA099WRE0	High voltage wire A	1	AD
* 6- 8	QW-QZA100WRE0	High voltage wire B	1	AD
6- 9	FW-VZA591WRE0	Thermistor harness	1	AM
6-10	TLABSA018WRR0	Fuse label	1	AB
6-11	LHLDWQ004YBE0	Wire holder (purse lock "L")	1	AA
6-12	QTANP0020YBE0	Connector CE-230	1	AA
6-13	TCAUH0114WRR0	Caution label	1	AC
6-14	TSPCNB463WRR0	Name plate : R-9H52	1	AC
	TSPCNB464WRR0	Name plate : R-9A52	1	AC

SCREW, NUTS, WASHERS AND PINS

7- 1	LX-BZ0186WRE0	Screw; oven lamp access cover mtg.	1	AA
7- 2	LX-BZ0202WRE0	Screw; upper & lower latch heads mtg.	2	AB
7- 3	LX-CZA020WRE0	Screw; oven hinges(upper & lower) mtg.	6	AA
7- 4	LX-CZ0017WRE0	Screw; heater element holders, thermister assembly air guide (A), (B) and (C) mtg.	8	AA
7- 5	LX-CZ0043WRE0	Screw; thermal protection plate(left), bearing holder plate and convection motor assembly mtg.	6	AA
7- 6	LX-CZ0052WRE0	Screw; latch hook mtg.	2	AA
7- 7	XOTSD40R12RV0	Screw; (LHSTIX LR-4) outer case cabinet mtg.	2	AA
7- 8	LX-NZ0029YBE0	Nut; steam duct assembly mtg.	1	AA
7- 9	XBPSD30P14K00	Screw; damper switch mtg.	1	AA
7-10	XBPSD40P06K00	Screw; convection motor assembly mtg.	2	AA
7-11	XBPSD40P25000	Screw; cooling fan motor mtg.	2	AA
7-12	XFPSD40P30000	Screw; cord anchorages mtg.	2	AA
7-13	XBTUW40P06000	Screw; waveguide cover mtg.heater unit assembly, steam duct,over lamp mounting angle.	13	AA
7-14	XBTWW40P06000	Screw; bearing mounting plate and convection heater mtg.	4	AA
7-15	XCPSD30P06000	Screw; damper motor, oven thermo cut-out and fan thermo cut-out mtg.	5	AA
7-16	LX-WZA004WRE0	Washer; bearing mounting plate mtg.	1	AA
7-17	XCPSD30P08X00	Screw; door frame and door sash(left) mtg.	6	AA
7-18	XCPSD30P08000	Screw; door frame mtg.	3	AA
7-19	XCPSD40P08000	Screw; door sash(right), thermal protection plate(right), air guide(right) and damper assembly mtg.	7	AA
7-20	XCTSD40P08000	Screw; steam duct mtg.	3	AA
7-21	XFPSD30P08000	Screw; AH sensor assembly mtg. : R-9H52 only	2	AA
7-22	XFPSD40P08K00	Screw; oven lamp mounting angle, high voltage rectifier assembly, MG air guide(K) and thermistor harness grounding mtg.	4	AA
7-23	XFPSD40P08000	Screw; turntable motor and magnetron mtg.	5	AA
7-24	XFPSD60P14JS0	Screw; power transformer mtg.	2	AA
7-25	XNESD40-32000	Nut; cooling fan motor and upper & lower latch heads mtg.	4	AA
7-26	XNEUW40-32000	Nut; convection fan mtg.	1	AA
7-27	XOTSE40P12000	Screw; outer case cabinet mtg.	4	AA
7-28	LX-CZ0047WRE0	Screw; base plate, T/C panel and chassis support mtg.	11	AA
7-29	XOTSD40P12000	Screw; outer case cabinet, cord holder and chassis support mtg.	7	AA

Note : The voltage supplied to the parts "*" are greater than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
7-30	XWSUW40-10000	Washer; convection fan mtg.	1	AA
7-31	XWWS60-08000	Washer; power transformer mtg.	1	AA
7-32	XFPSD30P10000	Screw; fuse holder mtg.	1	AA
7-33	LX-WZA022WRE0	Washer; turntable motor mtg.	1	AA
7-34	XBPSD40P08K00	Screw; power supply cord grounding	1	AA
7-35	XFTSD40P08TV0	Screw; high voltage rectifier assembly, convection motor assembly, monitor resister, turntable motor covering,	4	AA
7-36	XOTSD40P08000	Screw; rear cabinet	4	AA

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

